

# OREGON CROP WEATHER



**NATIONAL  
AGRICULTURAL  
STATISTICS  
SERVICE**

**USDA, NASS, Oregon Field Office**

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**Weather:** High temperatures ranged from 88 degrees in Rome down to 66 degrees in Crescent City. Low temperatures ranged from 31 degrees in Lakeview up to 55 degrees in Portland. All but three stations reported measurable precipitation. Twenty-eight out of forty-three stations reported at least three days of precipitation this week; twenty-one stations received more than an inch of rain led by Astoria/Clatsop with 2.59 inches.

**Field Crops:** Producers were harvesting red clover and working fields in preparation for fall seeding. Some producers have been able to get an early start on planting fall crops, including winter wheat and grass seed. Recent moisture helps. The sugarbeet seed harvest is near completion.

**Vegetables:** Vegetable crops continued to mature slowly and yields were expected to be below average. Pumpkin and cucumber crops in Lane County were reportedly affected by powdery mildew. Cole crops continued to thrive. Snap bean harvest for processing was nearing completion.

**Fruits and Nuts:** The recent rain and cooler temperatures have not helped with the advancement of the already late grape harvest. There were also concerns throughout the Willamette Valley of the botrytis grey mold found in some grape crops. In the southern part of the State, wine grapes were being harvested in some vineyards. The cool damp weather also caused some brown rot with late peaches. Apples, pears, and fall berries continued to be harvested. The prune and plum crop was reported to be smaller than normal. Hazelnuts are starting to fall, but slower than usual. Some flailing still took place in preparation for the hazelnut harvest.

**Nurseries and Greenhouses:** Greenhouses continued planting fall starts. The extra moisture received this past week did not benefit all horticulture crops.

**Livestock, Range and Pasture:** Fall pastures benefited from this past week's moisture and warm conditions. Livestock look good.

**Soil Moisture - Week Ending 09/19/10**

|         | <b>Very short</b> | <b>Short</b>   | <b>Adequate</b> | <b>Surplus</b> |
|---------|-------------------|----------------|-----------------|----------------|
|         | <i>Percent</i>    | <i>Percent</i> | <i>Percent</i>  | <i>Percent</i> |
| Topsoil | 9                 | 40             | 49              | 2              |
| Subsoil | 11                | 52             | 37              | 0              |

**Crop Condition - Week Ending 09/19/10**

| <b>Crop</b>       | <b>Very poor</b> | <b>Poor</b>    | <b>Fair</b>    | <b>Good</b>    | <b>Excellent</b> |
|-------------------|------------------|----------------|----------------|----------------|------------------|
|                   | <i>Percent</i>   | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i>   |
| Corn              | 0                | 0              | 35             | 65             | 0                |
| Range and pasture | 10               | 25             | 35             | 24             | 6                |

**Crop Progress - Week Ending 09/19/10**

| <b>Crop</b>                 | <b>This week</b> | <b>Last week</b> | <b>Last year</b> | <b>5 year average</b> |
|-----------------------------|------------------|------------------|------------------|-----------------------|
|                             | <i>Percent</i>   | <i>Percent</i>   | <i>Percent</i>   | <i>Percent</i>        |
| Winter wheat planted        | 16               | 14               | 27               | 19                    |
| Days suitable for fieldwork | 5.5              | 5.8              | 6.5              | 6.6                   |

## Western Oregon

**BENTON/LINCOLN/LINN:** Late plantings of sweet corn were maturing slowly. Most sugar beet seed fields were harvested. Many fields were being prepped for grass seed and wheat planting. Squash looked good.

**CLACKAMAS:** Good rains this week accumulated an inch and half by the weekend and more fell on Sunday. Not good for Red Clover seed harvest, which was just beginning. There was a fair amount of clover still too green to be swathed. Clover was late due to the cool summer and the delayed first cutting during the wet spring.

**COLUMBIA:** Very wet week again. Pastures benefitted from the moisture, but horticultural crops did not.

**CURRY:** A little rain, foggy, dewy mornings, and the end of the summer drought was in sight.

**DOUGLAS:** The cool summer still has wine grapes about three weeks behind normal maturation dates. Birds were getting bad in the wine grapes as they hang extra long into fall. Recent rain was causing some concern for Botrytis grey mold with grapes. Cool damp weather was causing a lot of brown rot with late peaches. Apples and pears were finishing about 10 days behind normal dates. Forage and seed crops had good yields this year and quality was good as well. Vegetable crops have also been late and yields down a little from average.

**JOSEPHINE:** Stagnant temperatures lows 48 - 60 degrees, highs 65 - 75 degrees. Total precipitation for Friday, Saturday and Sunday was 4.5 inches. Two inches fell in the first 24 hours, 2.5 inches in the second 24 hours. It was a very humid week. Wine grapes were being harvested in some vineyards. Truck gardens were harvesting but yield was low due to the late spring. Second cutting grass hay yield was good. Livestock look good.

**LANE:** Cooling off like fall and with fall rains. Grass seed/wheat/hay/mint being replanted. Tree Fruits: Peaches – harvest near done. Cherries – near done. Pears – harvest continued. Apples – harvesting. Asian pears – small crop.

Prunes/plums – small crop. Hazelnuts – starting to fall. Garlic and onions – done. Berries: Blueberry – near done. Raspberries – mostly done except fall and golden varieties. Grapes – sizing. Bad powdery mildew if not controlled. Strawberries – done. Blackberries – rust problem but rain is making the berries very large. Vegetables: Pumpkins and cucumbers – bad powdery mildew. Tomatoes and potatoes – with cool weather and rain, expecting late blight. Cole crops doing fine. Cabbage heads and Brussels sprouts were developing well. General vegetable crops were doing well. Spotted wing drosophila infestations were down.

**MARION:** Crop growing conditions were marginal this week. Cool wet weather has kept plant growth behind normal. To date, crops were 2-3 weeks late. Mold on berry and grape crops were accumulating. Producers are currently working up soil for fall planted crops.

**WASHINGTON:** Red clover swathed and rained on; waiting for dry weather to harvest. Weather permitting, some fall wheat was planted and fields were prepared for continued planting. Early planting was irrigated where available. Blueberries, blackberries, golden raspberries, peaches, nectarines, table grapes, and filberts prepared for harvest. Tomatoes, picking cucumbers, zucchini, green beans, sweet corn, squash and pumpkins were abundant. Nurseries were digging evergreen shrubs and shipping, irrigated before rains. Pastures were springing up in the warm rains, and cattle were in good shape with the warm nights. High temperature 75.4 degrees, low 41 degrees, one and one half inches of rain.

**YAMHILL:** This last week was mild with scattered showers almost every day. The rainfall helped settle the dust in hazelnut orchards. Nut fall was slower than normal. Farmers continued to till, add lime, and work fields in the area. Vegetables continued to be harvested although the corn and tomato crops were slow to ripen. People were concerned there may be frost that kills off crops before they can ripen. Apples and pears looked good, and squash also. Hazelnut farmers have been flailing the orchards to prepare for harvest.

## **Eastern Oregon**

**HOOD RIVER:** Summer pear harvest continued in the Upper Hood River Valley and winter pear harvest got under way in the Lower Valley. Wet conditions late in the week caused some disruptions to harvest operations.

**KLAMATH:** The third cutting of alfalfa was 95 percent complete.

**LAKE:** Received precipitation over the weekend, which should improve fall pasture conditions.

**SHERMAN:** Good soil moisture encouraged early seeding this fall and a number of growers got a good start. Rain later in the week had farmers concerned about re-seeding those acres. Others were working their stubble.

**UMATILLA:** Continued to be cold and wet with rain on Friday night and all of Saturday. Those with hay down were in trouble. Wet weather prevented onion harvest from proceeding. Potato harvest progressed with average yields.

**WALLOWA:** Warmer and drier weather has helped with grain and hay harvests

**WASCO:** Fruit harvest continued on pears and apples. Wine grapes were being pressed at local wineries. Winter wheat growers were preparing for seeding next year's crop. A few fields were being planted at the higher elevations. Rain fell periodically from midweek on through Sunday. Top soil moisture was improved. Alfalfa hay harvest nearly completed for this season. Cattle were still doing fairly well on dry pastures.

**Weather data for selected stations in Oregon, Week ending: September 19, 2010 (as of 11:00 am) <sup>1</sup>**

| Station                       | Air temperature <sup>2</sup> |      |      |                  | Growing degree days <sup>3</sup> |                  | Last week precip. <sup>4</sup> |                  |                   | Season cum. precipitation <sup>5</sup> |                  |             |                   |
|-------------------------------|------------------------------|------|------|------------------|----------------------------------|------------------|--------------------------------|------------------|-------------------|--|------------------|-------------|-------------------|
|                               | Low                          | High | Avg. | DFN <sup>6</sup> | Total                            | DFN <sup>6</sup> | Total inches                   | DFN <sup>6</sup> | Days <sup>7</sup> | Total inches                           | DFN <sup>6</sup> | Pct. normal | Days <sup>7</sup> |
| <b>COASTAL AREAS</b>          |                              |      |      |                  |                                  |                  |                                |                  |                   |  |                  |             |                   |
| Astoria/Clatsop               | 52                           | 71   | 61   | +3               | 77                               | +18              | 2.59                           | 1.91             | 5                 | 3.74                                   | 2.11             | 229         | 9                 |
| Bandon <sup>8</sup>           | 52                           | 70   | 60   | +4               | 74                               | +21              | 1.26                           | 0.87             | 4                 | 1.75                                   | 0.78             | 180         | 10                |
| Crescent City                 | 46                           | 66   | 57   | -2               | 51                               | -8               | 2.44                           | 2.04             | 6                 | 2.56                                   | 1.60             | 267         | 9                 |
| Florence                      | 46                           | 70   | 59   | -2               | 62                               | -8               | 2.15                           | 1.57             | 5                 | 2.87                                   | 1.50             | 209         | 8                 |
| North Bend                    | 52                           | 72   | 61   | +3               | 80                               | +18              | 1.20                           | 0.78             | 3                 | 2.46                                   | 1.45             | 244         | 6                 |
| Tillamook                     | 54                           | 72   | 63   | +6               | 91                               | +37              | 2.01                           | 1.12             | 5                 | 2.40                                   | 0.27             | 113         | 9                 |
| <b>WILLAMETTE VALLEY</b>      |                              |      |      |                  |                                  |                  |                                |                  |                   |  |                  |             |                   |
| Aurora <sup>8</sup>           | 52                           | 78   | 64   | +4               | 101                              | +20              | 1.69                           | 1.27             | 5                 | 1.81                                   | 0.76             | 172         | 8                 |
| Corvallis                     | 49                           | 79   | 63   | +2               | 91                               | +10              | 1.68                           | 1.33             | 5                 | 2.25                                   | 1.38             | 259         | 10                |
| Detroit Lake <sup>8</sup>     | 48                           | 81   | 63   | +9               | 95                               | +49              | 1.78                           | 1.25             | 5                 | 3.13                                   | 1.82             | 239         | 9                 |
| Eugene                        | 49                           | 81   | 64   | +2               | 99                               | +9               | 0.97                           | 0.56             | 4                 | 1.58                                   | 0.57             | 156         | 6                 |
| Hillsboro                     | 48                           | 79   | 63   | +3               | 93                               | +18              | 0.78                           | 0.43             | 5                 | 1.87                                   | 0.97             | 208         | 9                 |
| McMinnville                   | 48                           | 77   | 63   | +2               | 95                               | +14              | 1.16                           | 0.77             | 5                 | 1.27                                   | 0.33             | 135         | 8                 |
| Portland                      | 55                           | 77   | 66   | +3               | 111                              | +17              | 1.48                           | 1.06             | 5                 | 3.20                                   | 2.11             | 294         | 8                 |
| Salem                         | 51                           | 80   | 65   | +4               | 105                              | +24              | 1.53                           | 1.17             | 5                 | 1.95                                   | 1.06             | 219         | 7                 |
| <b>SW VALLEYS</b>             |                              |      |      |                  |                                  |                  |                                |                  |                   |  |                  |             |                   |
| Grants Pass                   | 46                           | 86   | 66   | +2               | 114                              | +10              | 1.53                           | 1.32             | 2                 | 1.64                                   | 1.15             | 335         | 3                 |
| Medford                       | 50                           | 87   | 67   | +2               | 119                              | +11              | 0.78                           | 0.57             | 3                 | 0.79                                   | 0.26             | 149         | 4                 |
| Roseburg                      | 52                           | 85   | 67   | +4               | 119                              | +24              | 1.28                           | 1.00             | 3                 | 1.66                                   | 0.96             | 237         | 6                 |
| <b>NORTH CENTRAL</b>          |                              |      |      |                  |                                  |                  |                                |                  |                   |  |                  |             |                   |
| Condon                        | 44                           | 81   | 64   | +8               | 99                               | +45              | 1.60                           | 1.45             | 3                 | 1.69                                   | 1.18             | 331         | 6                 |
| Echo <sup>8</sup>             | 47                           | 85   | 67   | +5               | 121                              | +30              | 1.04                           | 0.95             | 4                 | 1.17                                   | 0.84             | 355         | 7                 |
| Heppner                       | 49                           | 81   | 66   | +6               | 114                              | +38              | 0.33                           | 0.12             | 3                 | 0.51                                   | 0.02             | 104         | 5                 |
| Hermiston                     | 46                           | 85   | 68   | +6               | 125                              | +34              | 0.87                           | 0.78             | 3                 | 1.15                                   | 0.82             | 348         | 7                 |
| Madras <sup>8</sup>           | 44                           | 80   | 63   | +4               | 89                               | +25              | 1.60                           | 1.46             | 3                 | 1.73                                   | 1.35             | 455         | 7                 |
| Moro                          | 45                           | 82   | 65   | +6               | 103                              | +38              | 1.96                           | 1.82             | 3                 | 2.15                                   | 1.77             | 566         | 4                 |
| Parkdale <sup>8</sup>         | 42                           | 81   | 62   | +3               | 85                               | +14              | 1.39                           | 1.11             | 5                 | 1.53                                   | 0.83             | 219         | 7                 |
| Pendleton                     | 50                           | 82   | 66   | +4               | 115                              | +24              | 0.80                           | 0.66             | 4                 | 1.17                                   | 0.80             | 316         | 7                 |
| Prairie City <sup>8</sup>     | 44                           | 80   | 63   | +4               | 89                               | +25              | 1.60                           | 1.46             | 3                 | 1.73                                   | 1.35             | 455         | 7                 |
| The Dalles                    | 52                           | 87   | 70   | +11              | 139                              | +70              | 0.69                           | 0.55             | 3                 | 0.86                                   | 0.48             | 226         | 5                 |
| <b>SOUTH CENTRAL</b>          |                              |      |      |                  |                                  |                  |                                |                  |                   |  |                  |             |                   |
| Agency Lake <sup>8</sup>      | 34                           | 77   | 54   | +0               | 32                               | -8               | 0.84                           | 0.70             | 2                 | 0.87                                   | 0.49             | 229         | 3                 |
| Bend                          | 36                           | 80   | 60   | +5               | 69                               | +24              | 0.12                           | 0.00             | 1                 | 0.39                                   | 0.03             | 108         | 3                 |
| Burns                         | 38                           | 82   | 60   | +6               | 69                               | +28              | 0.01                           | -0.13            | 1                 | 0.13                                   | -0.25            | 34          | 3                 |
| Christmas Valley <sup>8</sup> | 32                           | 79   | 56   | -4               | 44                               | -22              | 0.24                           | 0.10             | 1                 | 0.29                                   | -0.07            | 81          | 3                 |
| Klamath Falls                 | 38                           | 78   | 58   | -1               | 59                               | -7               | 0.05                           | -0.06            | 1                 | 0.05                                   | -0.28            | 15          | 1                 |
| Klamath Falls <sup>8</sup>    | 39                           | 78   | 58   | -2               | 58                               | -8               | 0.06                           | -0.05            | 3                 | 0.08                                   | -0.25            | 24          | 4                 |
| Lakeview                      | 31                           | 79   | 56   | -2               | 42                               | -13              | 0.02                           | -0.12            | 1                 | 0.33                                   | -0.05            | 87          | 2                 |
| Lorella <sup>8</sup>          | 33                           | 79   | 57   | -2               | 53                               | -13              | 0.14                           | 0.03             | 1                 | 0.15                                   | -0.18            | 45          | 2                 |
| Redmond                       | 40                           | 80   | 61   | +5               | 76                               | +23              | 1.51                           | 1.44             | 3                 | 1.71                                   | 1.41             | 570         | 4                 |
| Worden <sup>8</sup>           | 33                           | 79   | 55   | -4               | 38                               | -28              | 0.20                           | 0.09             | 2                 | 0.22                                   | -0.11            | 67          | 3                 |
| <b>NORTHEAST</b>              |                              |      |      |                  |                                  |                  |                                |                  |                   |  |                  |             |                   |
| Baker City                    | 34                           | 84   | 61   | +5               | 82                               | +28              | 0.01                           | -0.15            | 1                 | 0.11                                   | -0.41            | 21          | 3                 |
| Joseph                        | 44                           | 76   | 60   | +9               | 73                               | +41              | 0.01                           | -0.32            | 1                 | 0.42                                   | -0.39            | 52          | 6                 |
| La Grande                     | 39                           | 82   | 64   | +5               | 100                              | +30              | 0.06                           | -0.15            | 2                 | 0.49                                   | -0.11            | 82          | 5                 |
| Union                         | 36                           | 85   | 64   | +8               | 101                              | +45              | -                              | -0.23            | -                 | 0.16                                   | -0.55            | 23          | 5                 |
| <b>SOUTHEAST</b>              |                              |      |      |                  |                                  |                  |                                |                  |                   |  |                  |             |                   |
| Ontario                       | 47                           | 87   | 68   | +6               | 125                              | +34              | -                              | -0.14            | -                 | 0.03                                   | -0.35            | 8           | 1                 |
| Rome                          | 39                           | 88   | 64   | +5               | 100                              | +30              | -                              | -0.14            | -                 | 0.36                                   | -0.02            | 95          | 2                 |

<sup>1</sup> Summary based on NWS data. Copyright 2010: AWIS, Inc. All Rights Reserved.

<sup>2</sup> Air temperature in degrees Fahrenheit.

<sup>3</sup> Growing degree days base-50 degrees Fahrenheit.

<sup>4</sup> Precipitation (rain or melted snow/ice) in inches.

<sup>5</sup> Season cumulative precipitation starts September 1, 2010.

<sup>6</sup> DFN=Departure from normal (using 1961-1990 normal period).

<sup>7</sup> Precipitation days = Days with precipitation of 0.01 inch or more.

<sup>8</sup> Agri-Met weather stations.